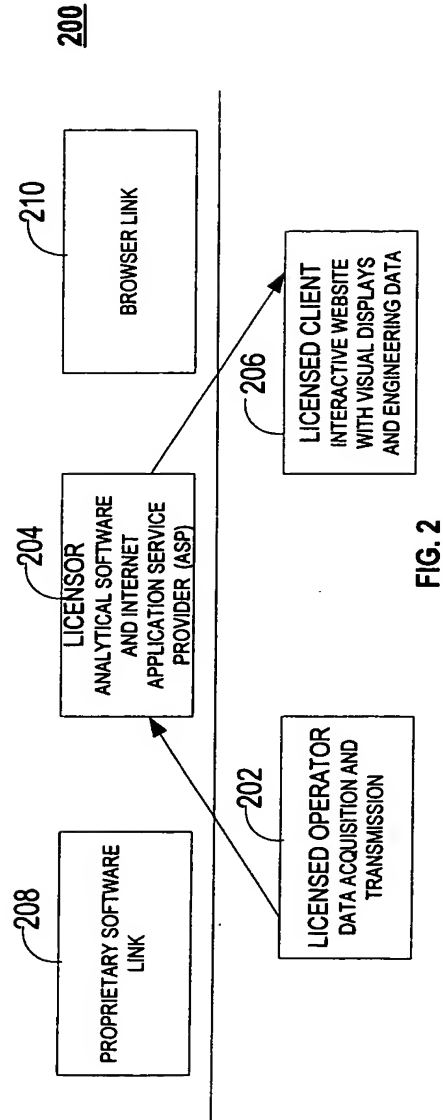
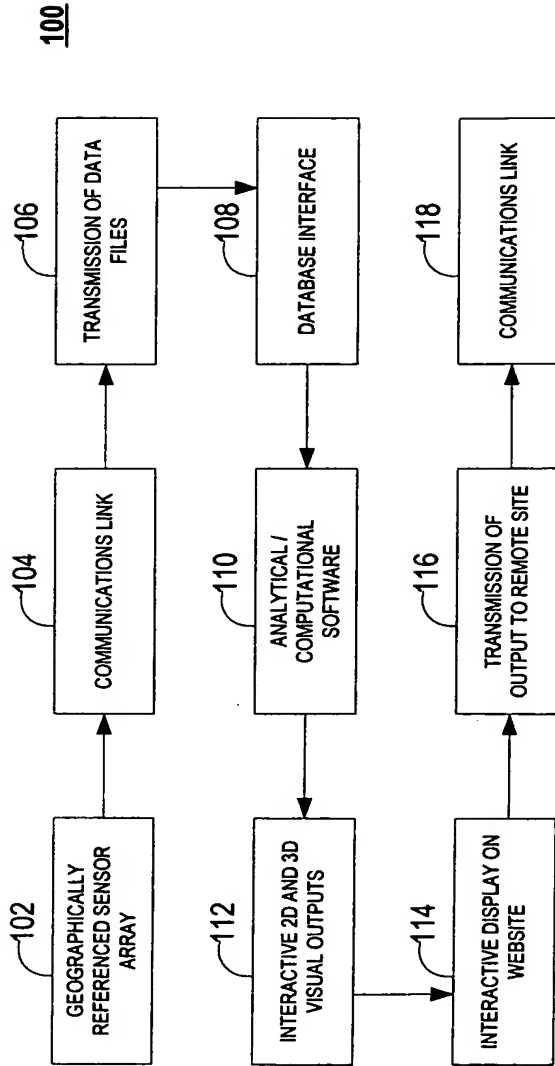




Inventor: John H. SOHL, III et al.
Title of Invention: SYSTEM, METHOD AND
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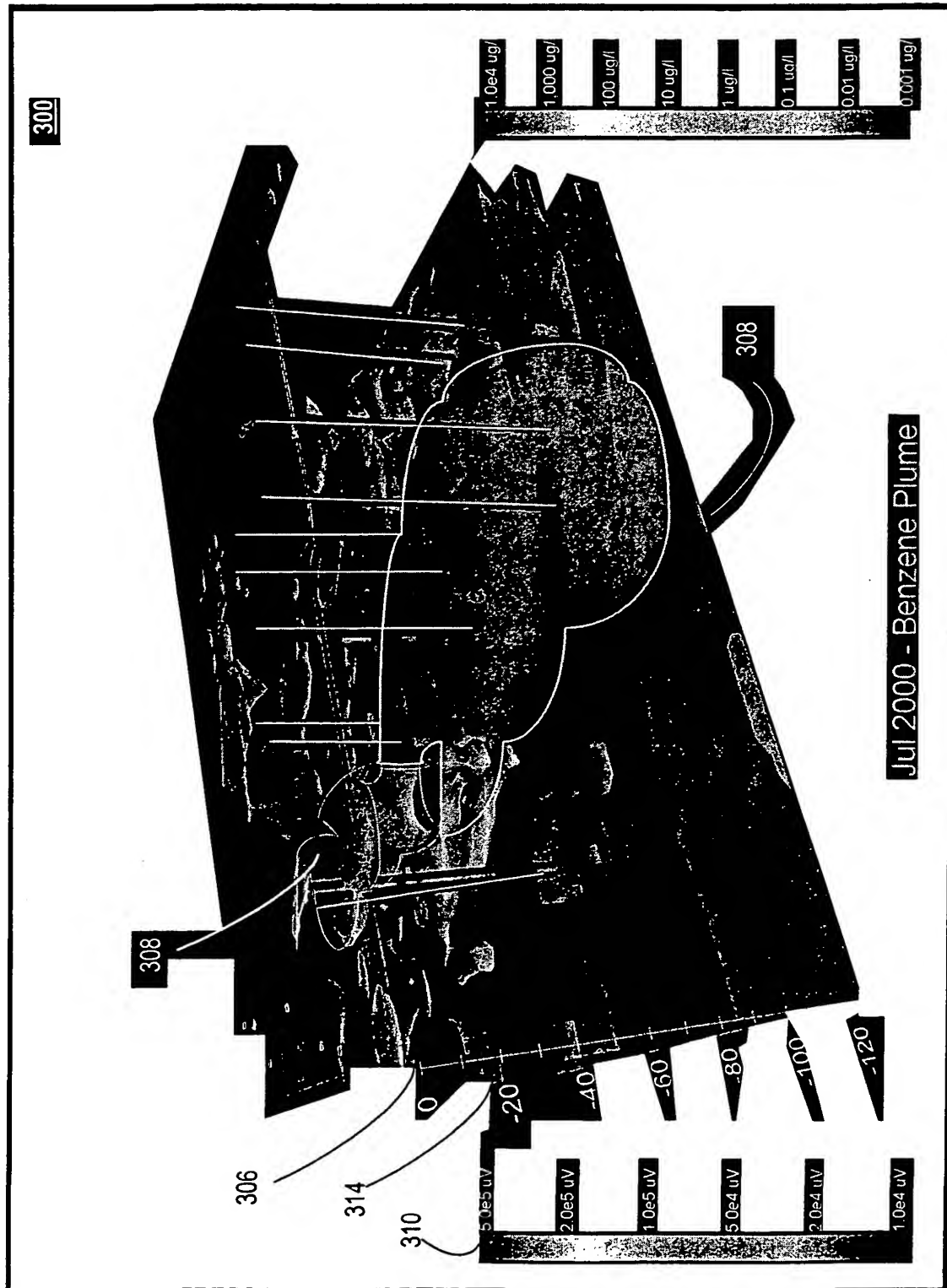
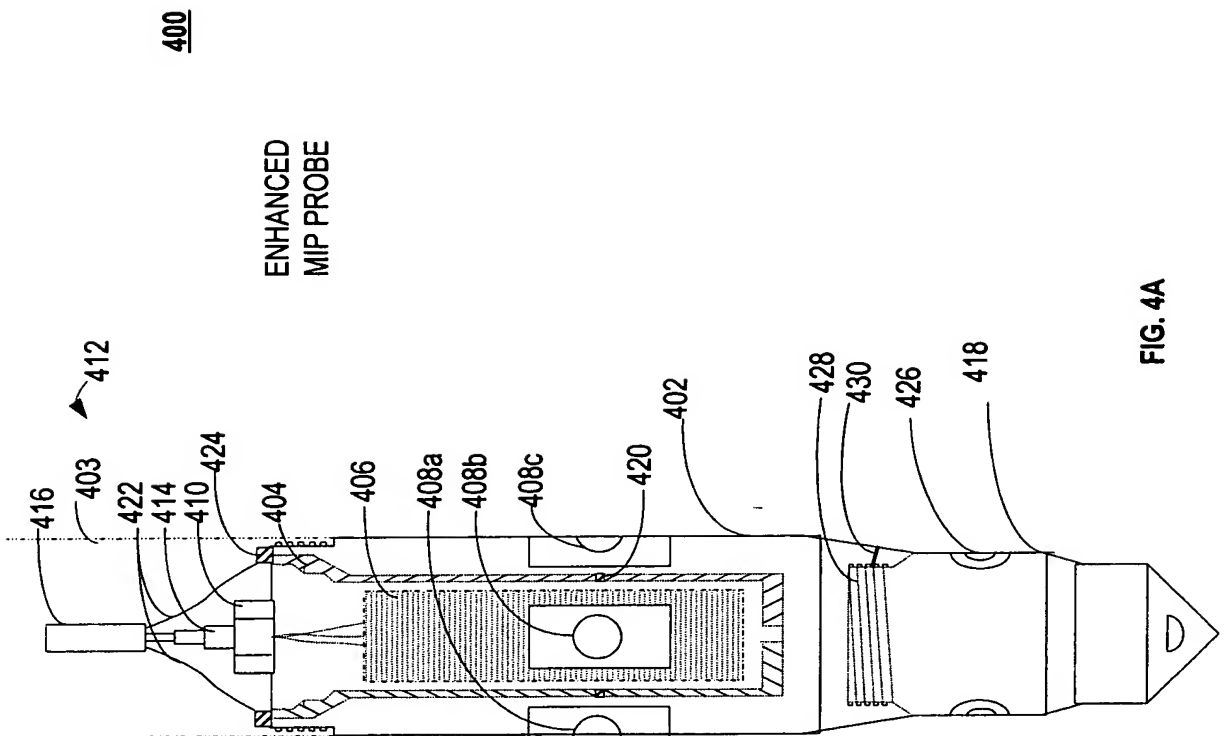


FIG.3

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-
- Heater element with through conductor and ground conductor
- Cartridge Insert
- Sealed gas passages
- Cap Screws perpendicular to probe surface equally spaced
- Detail A
- MS 16142 O-Ring part 7118-20 x 0.253 deep

FIG. 4B

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450

Notes:

1. 0.060 x 45 degree chamfer
2. Parker Hannifin Corporation O-ring groove
3. Broach 0.0625 wide groove as shown
4. Material-cold rolled steel
5. Hold these diameters concentric within 0.003 in.
6. Hold all concentric diameters within 0.025 in. unless noted otherwise

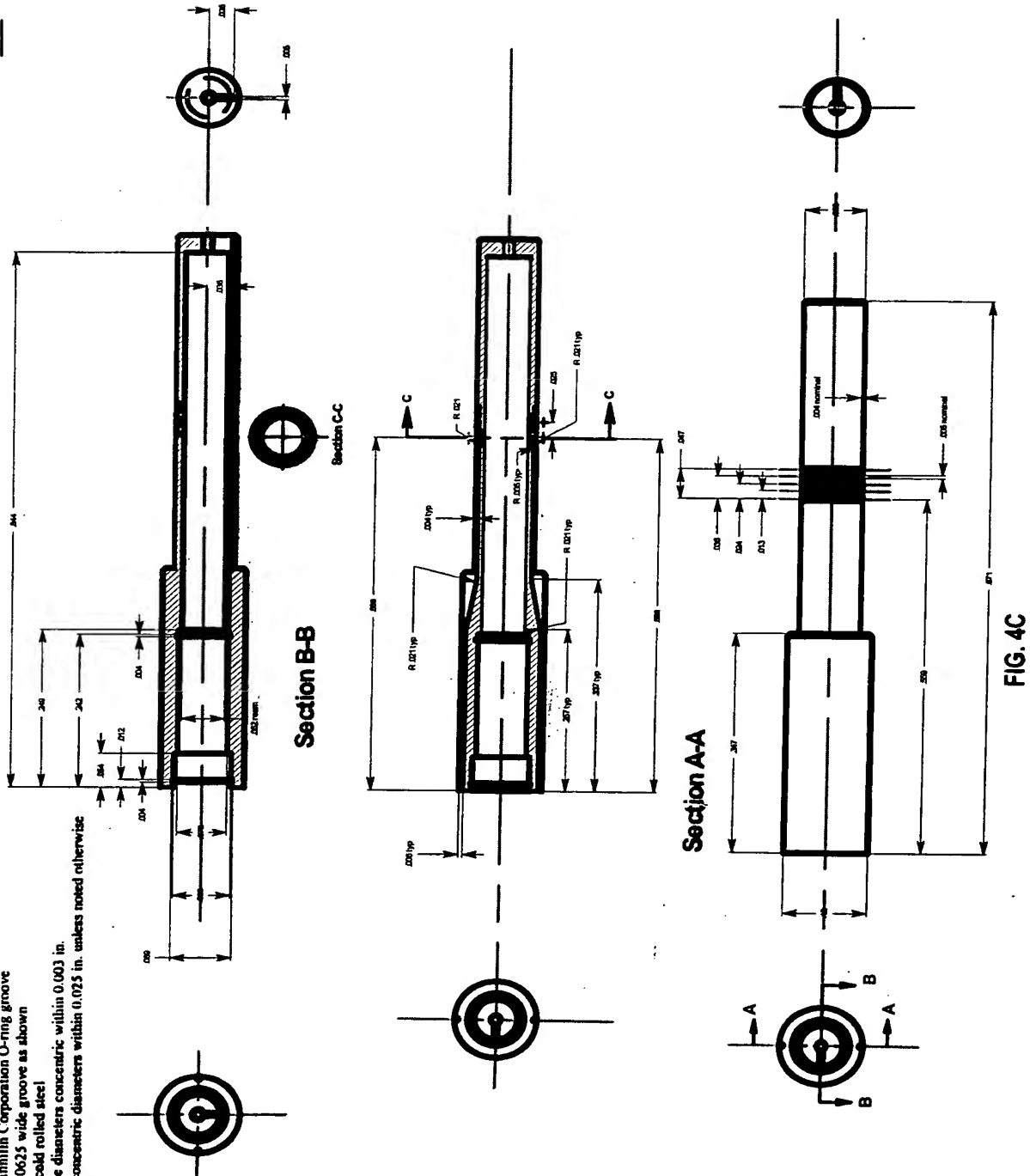


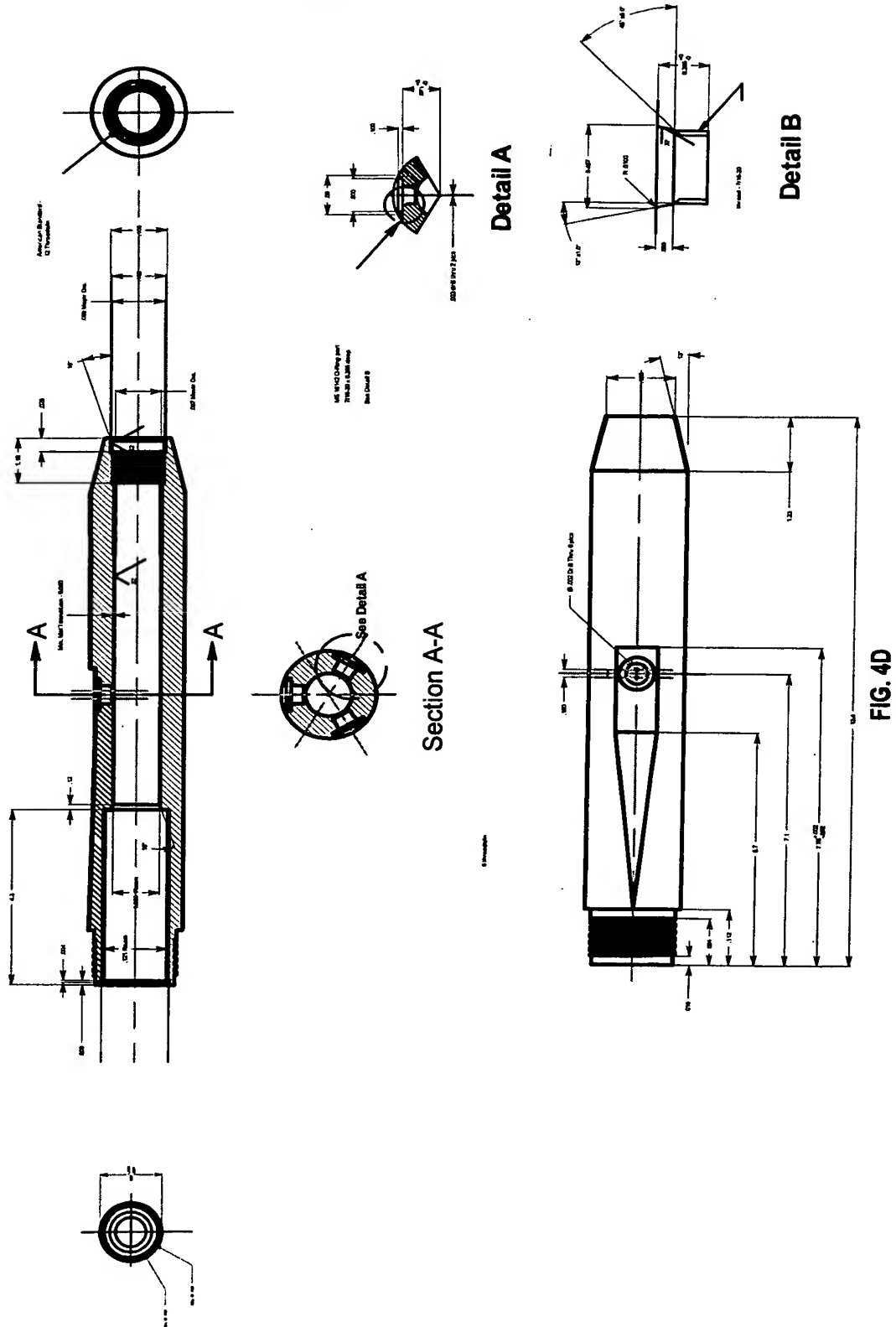
FIG. 4C

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460

Notes:

1. Match sample thread form
2. Smalley WH-150 snap ring
3. Material-cold rolled steel
4. Break all edges to 0.030 R min.
5. Hold these diameters concentric within 0.003 in.
6. Hold all concentric diameters within 0.025 in. unless noted otherwise



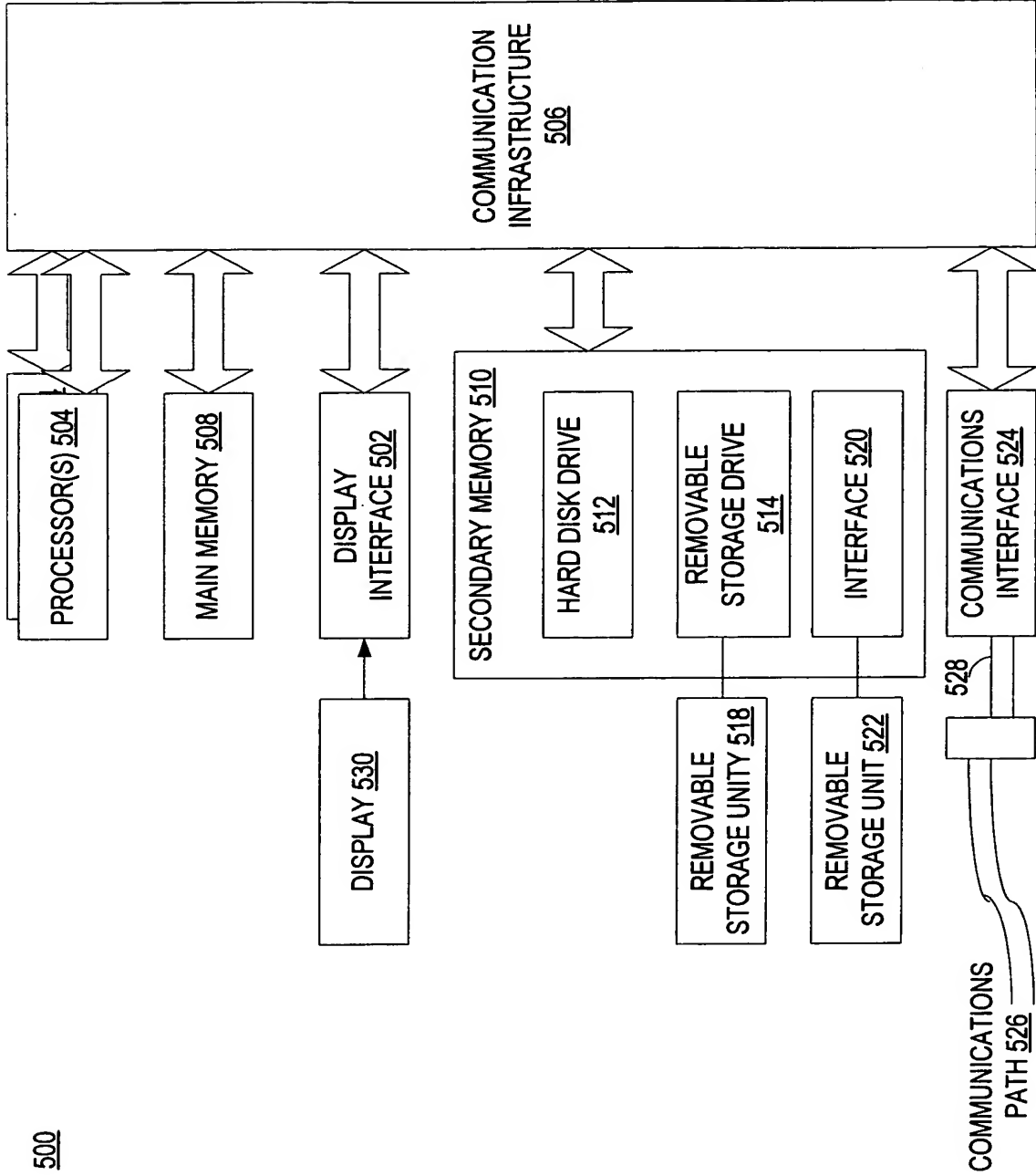


FIG. 5

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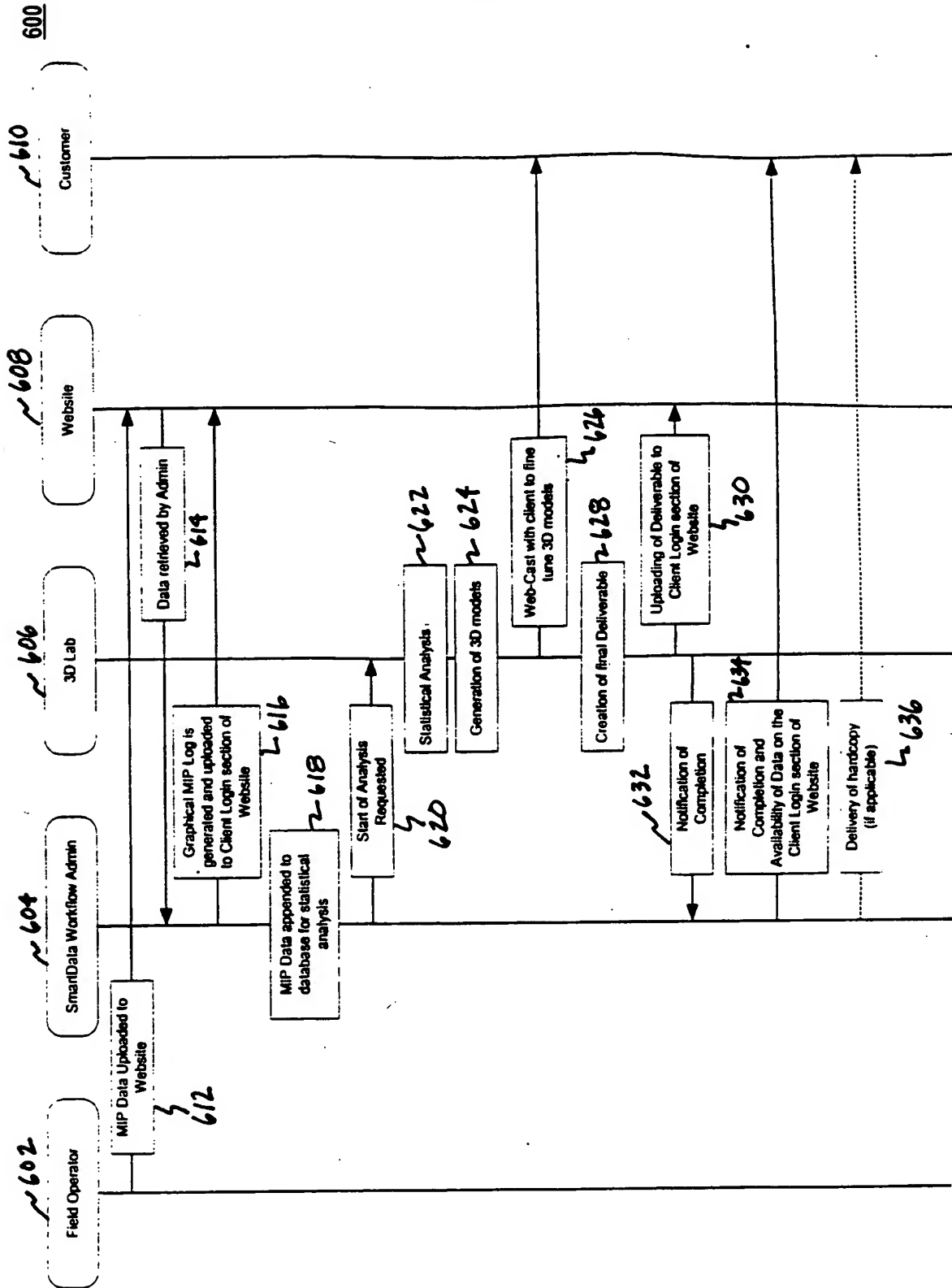


FIG. 6

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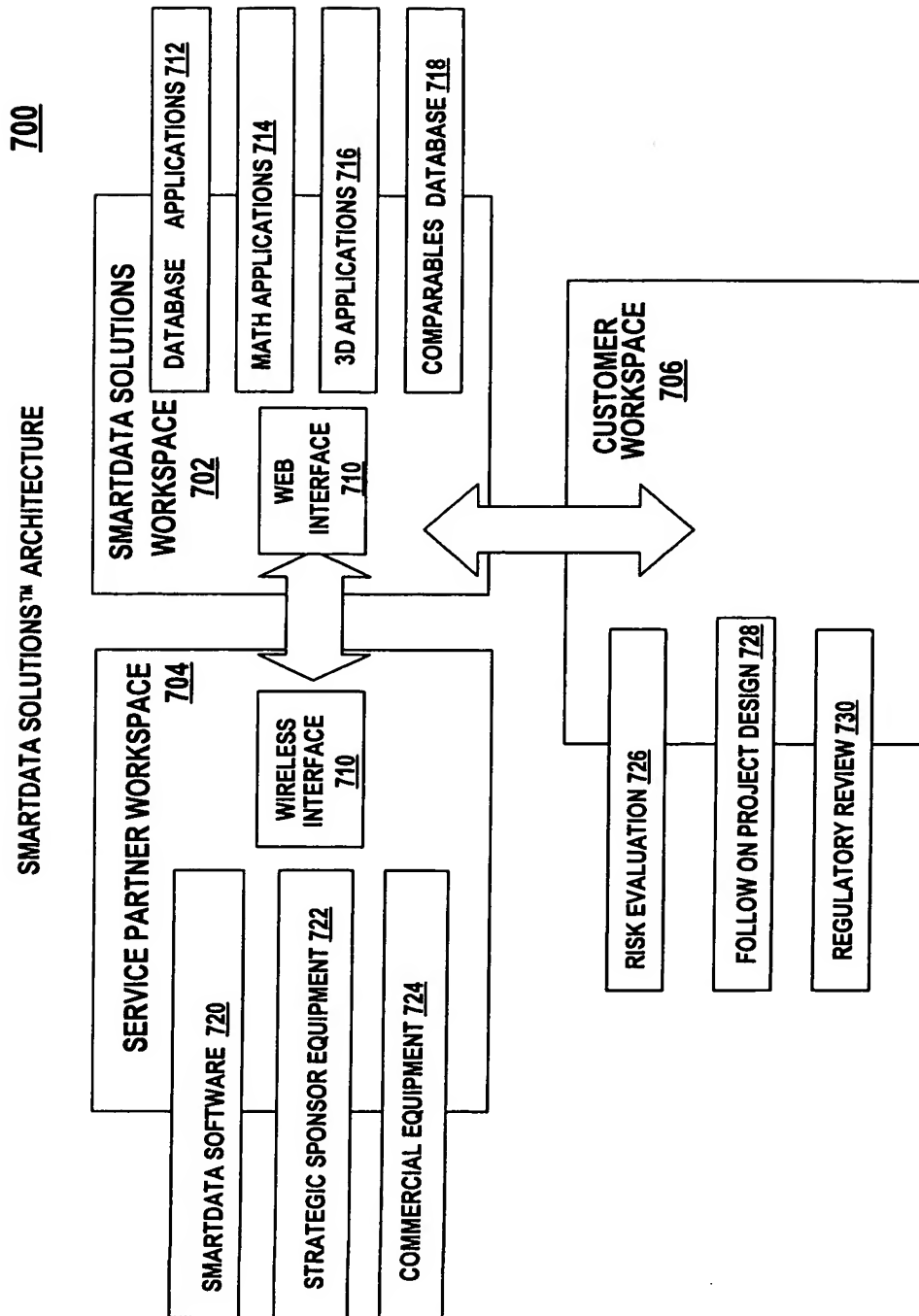


FIG. 7

800

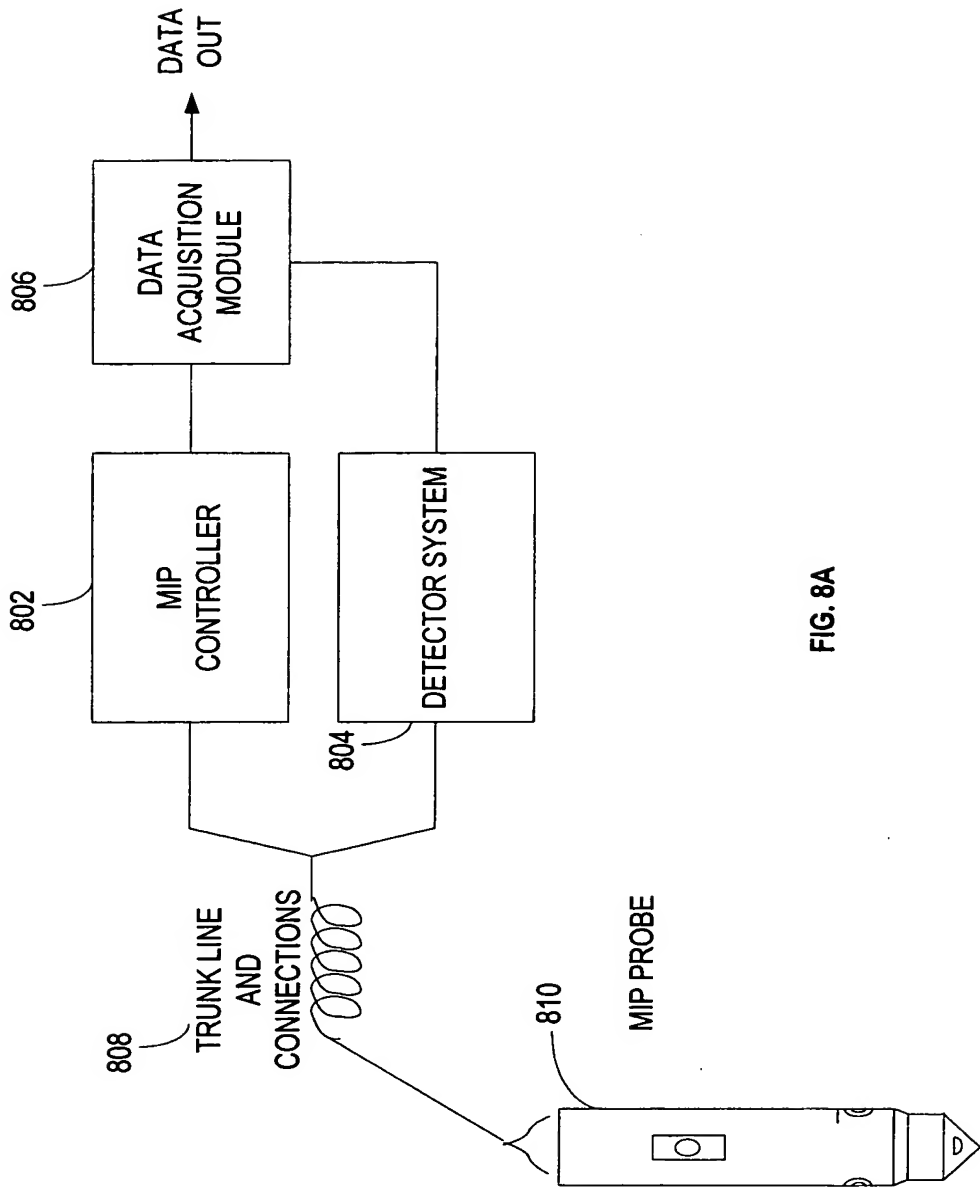


FIG. 8A

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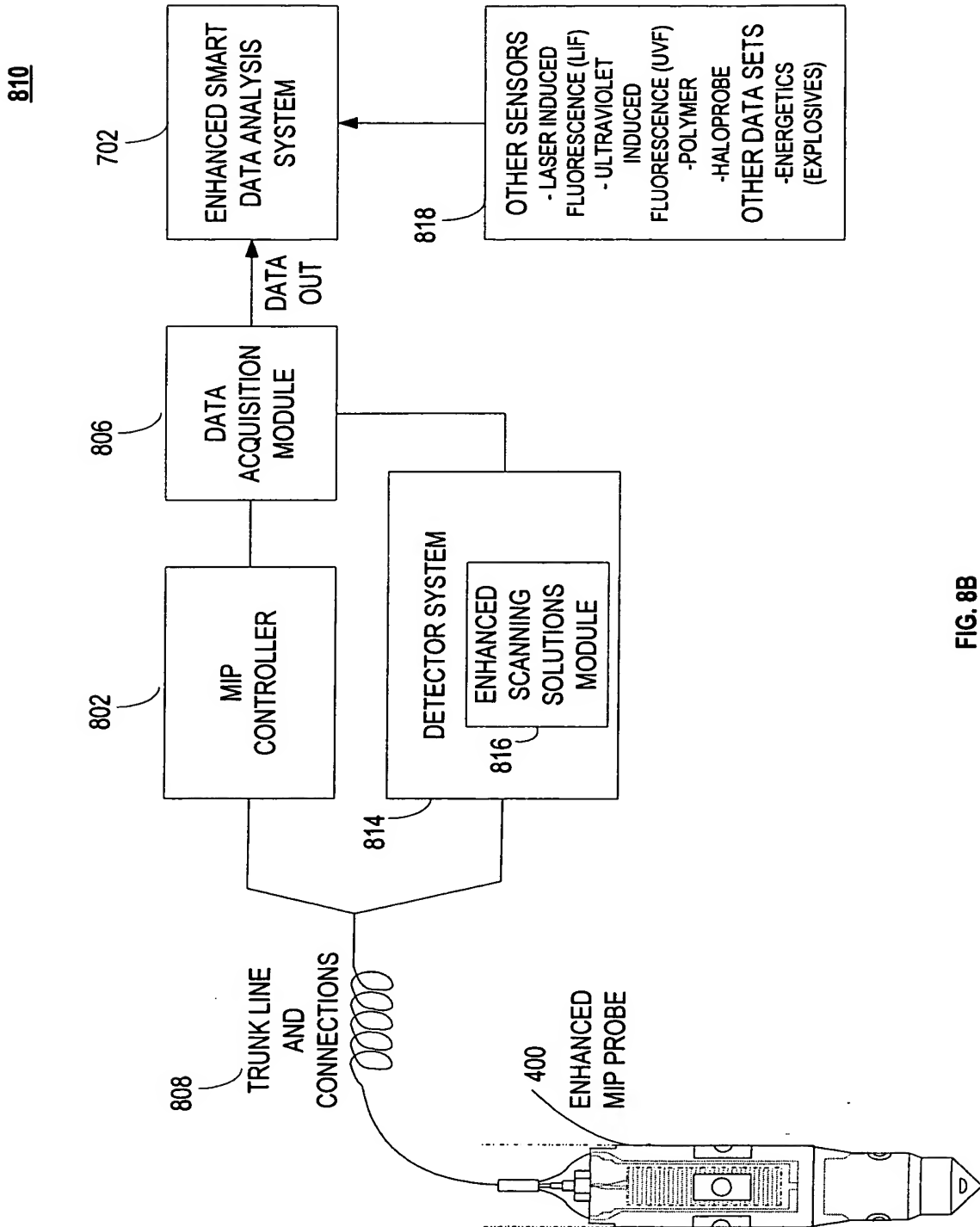
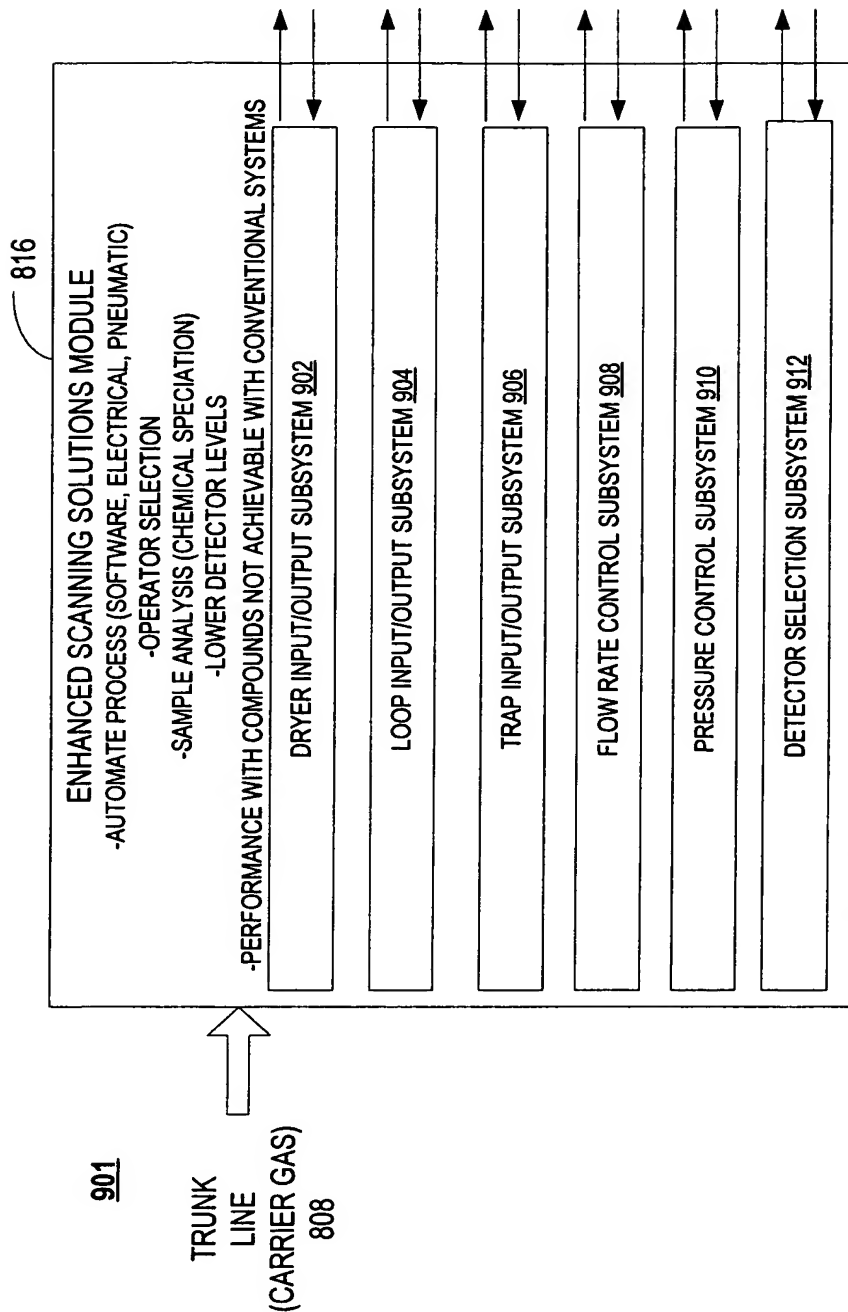
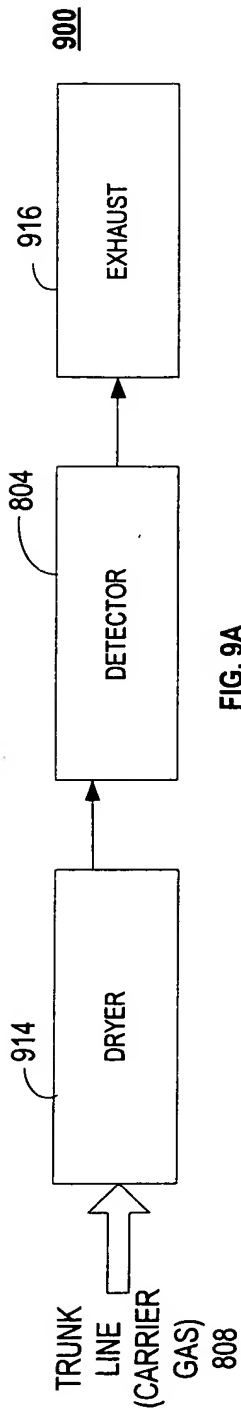
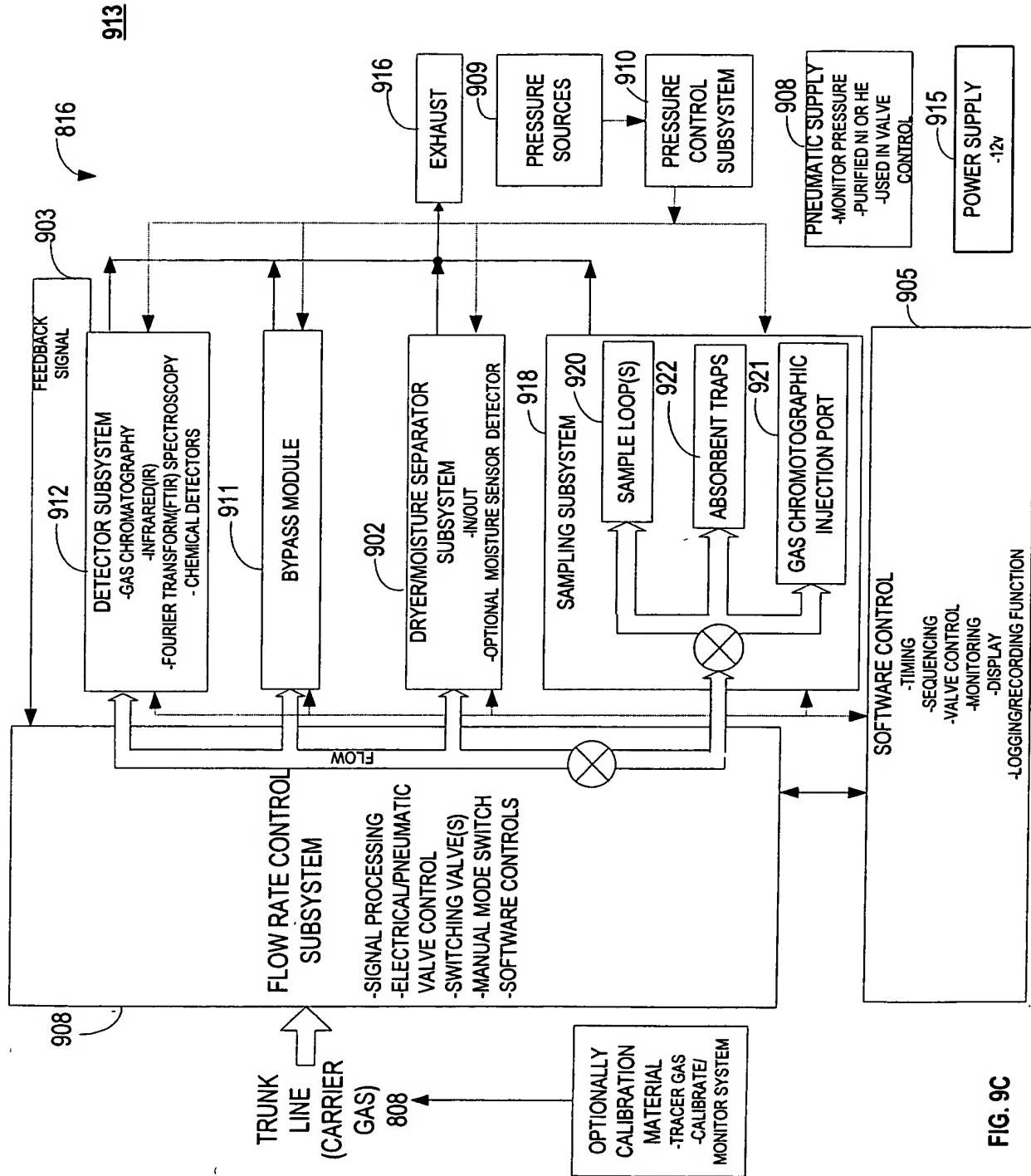


FIG. 8B

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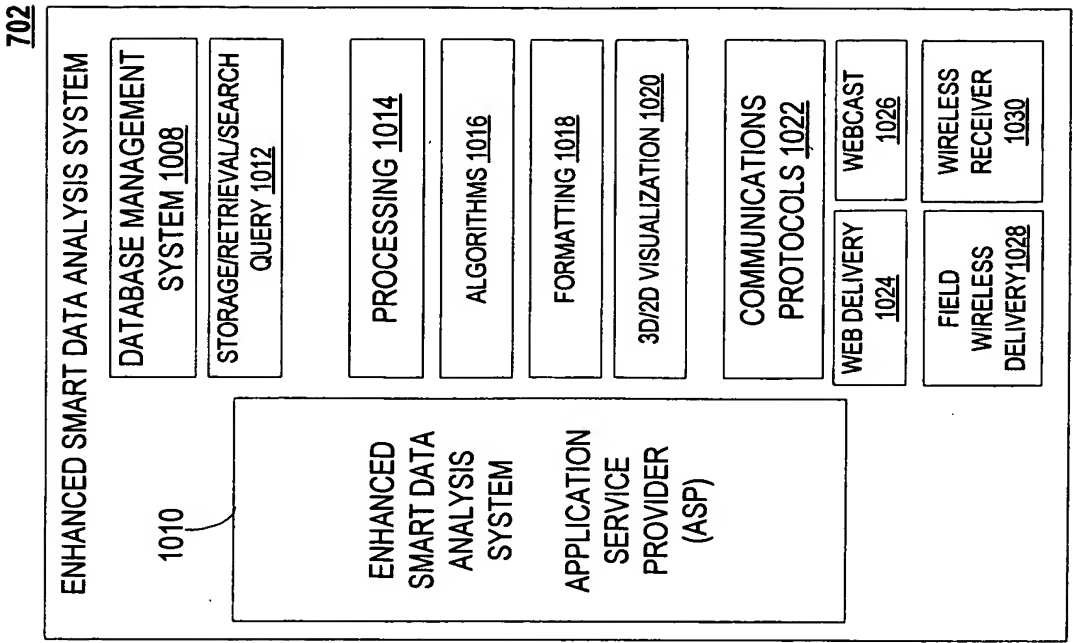


FIG. 10B

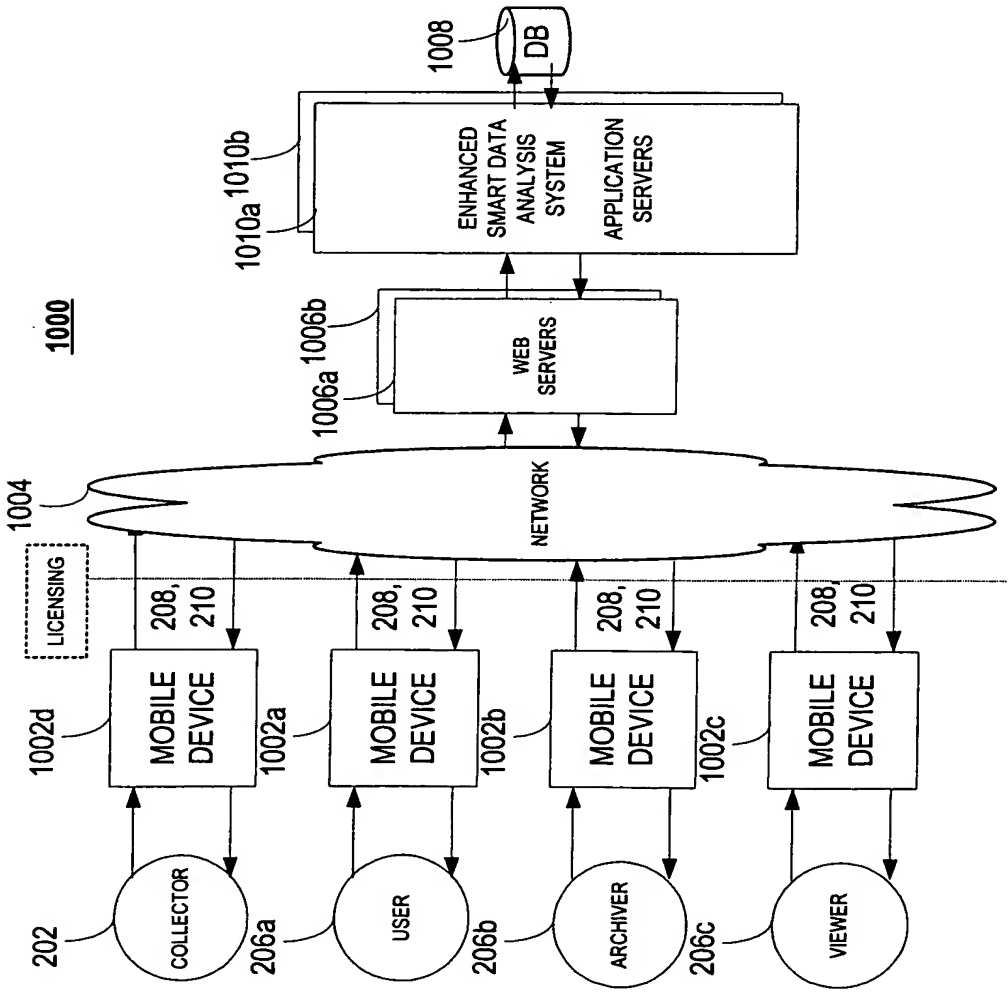


FIG. 10A

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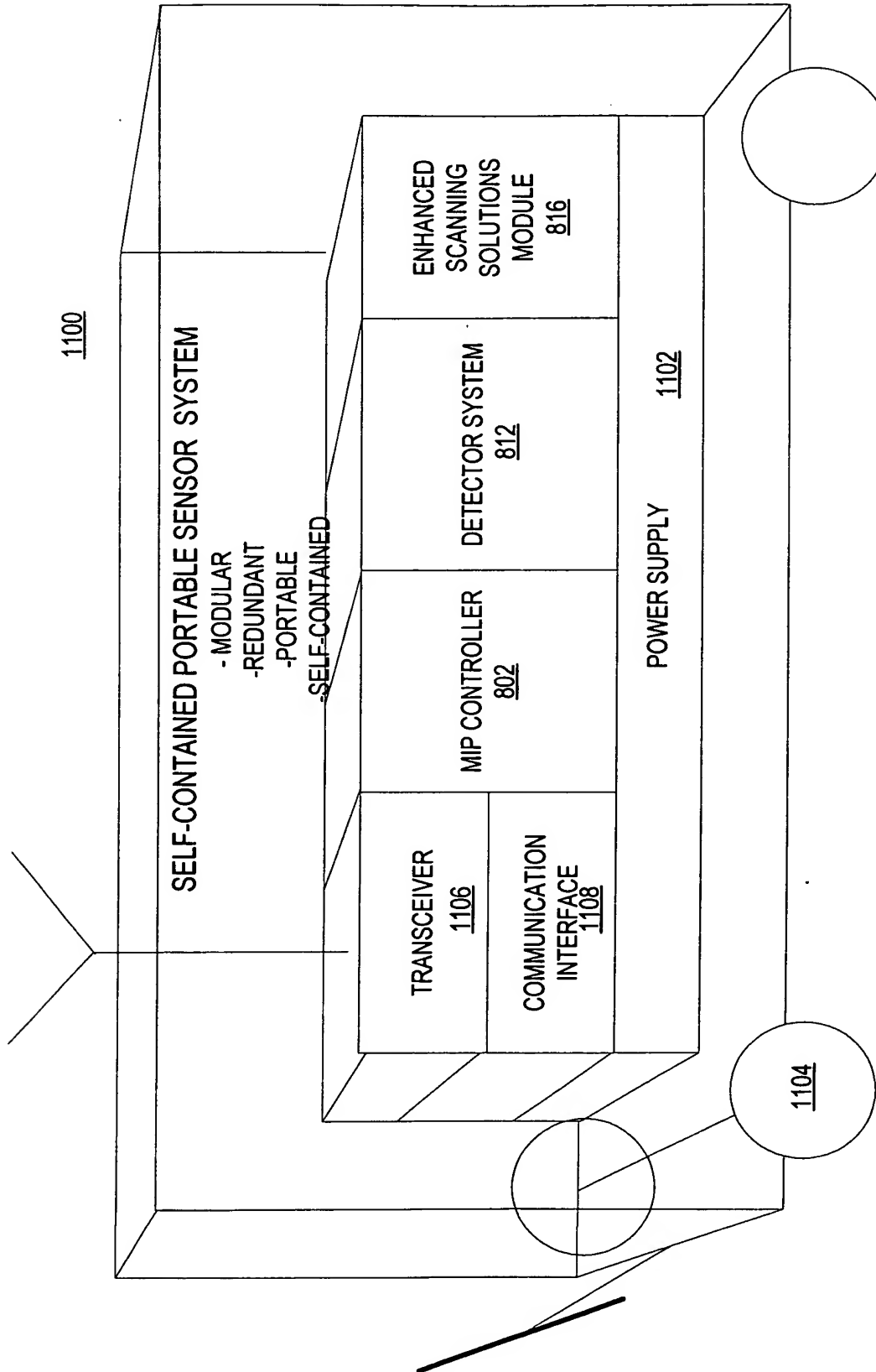


FIG. 11

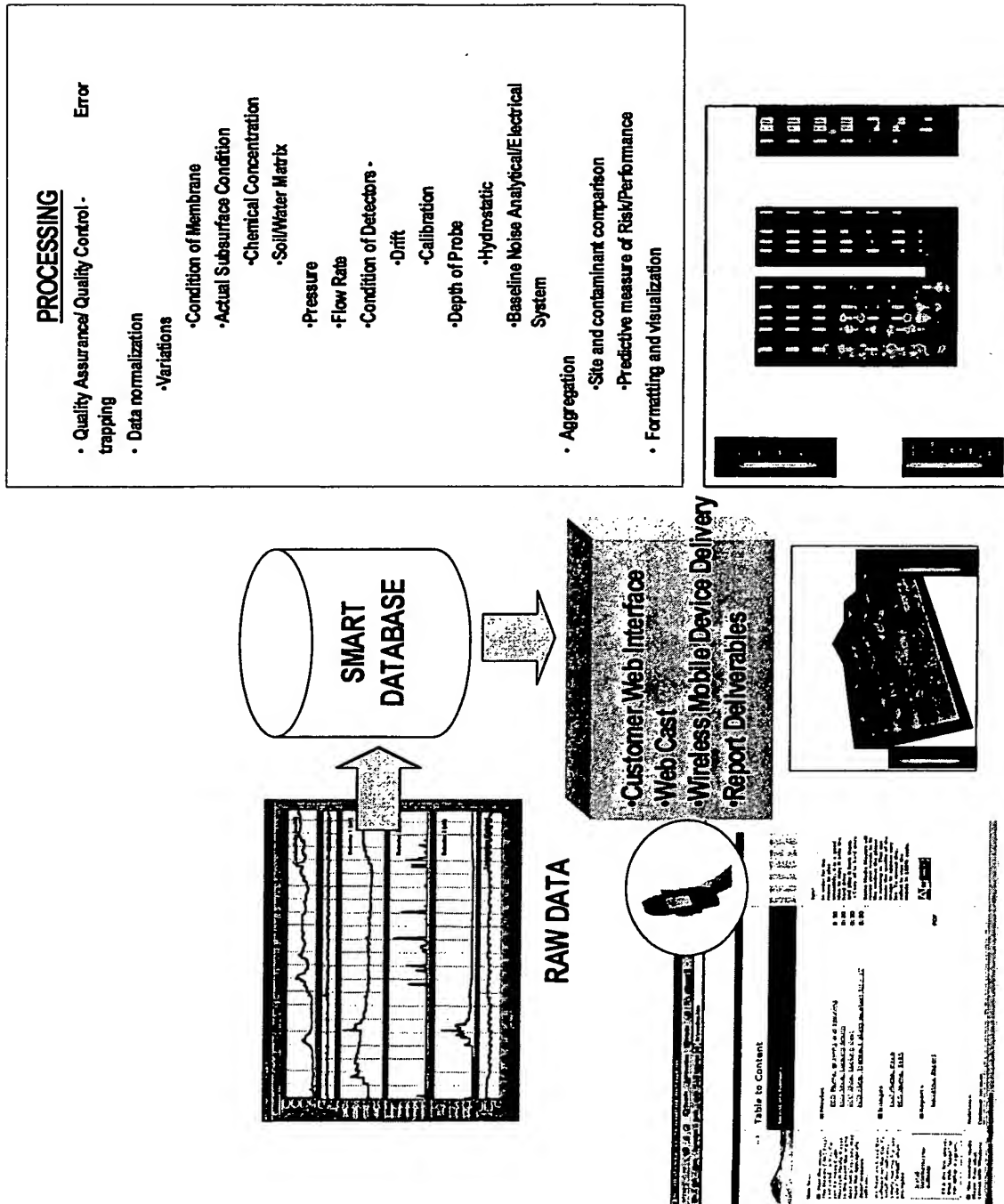


FIG. 12A

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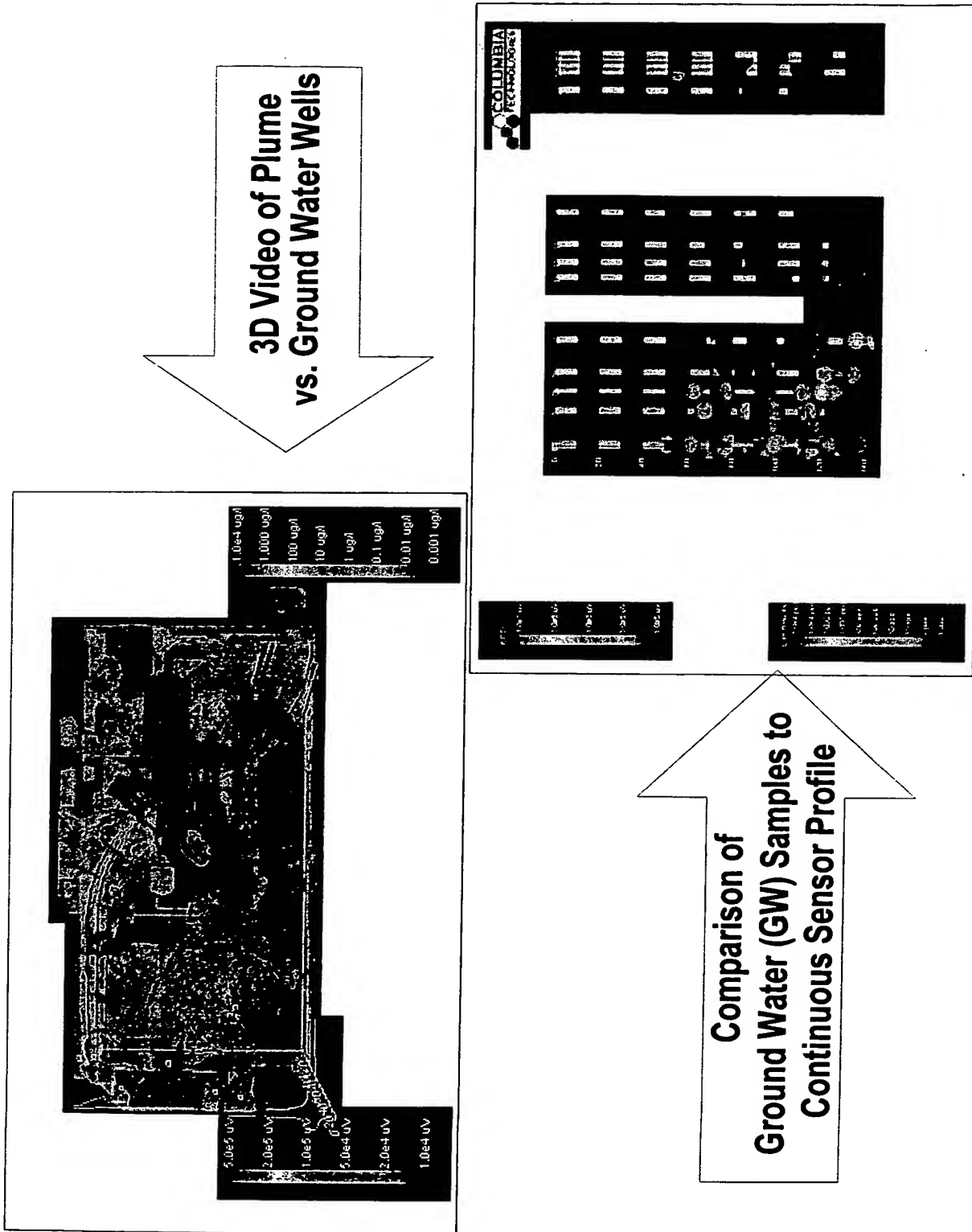


FIG. 12B

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FIG. 12C

Inventor: John H. SOHL, III et al.
 Title of Invention: SYSTEM, METHOD AND
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Site Information

Manufacturing Facility
 Savannah, GA
 Project Dates

Started: 8/12/2002

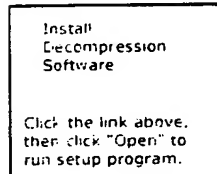
Completed: 8/21/2002
 Status

Completed

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 software on the CD. To
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 PGCP29

Resource

FIG. 12D

